

# MONTHLY PROJECT REPORT

## SR 16 Tacoma Narrows Bridge Project

December 2004

**Project Location:** SR 16, Jackson Avenue to 36<sup>th</sup> Street

**PIN:** 301699A

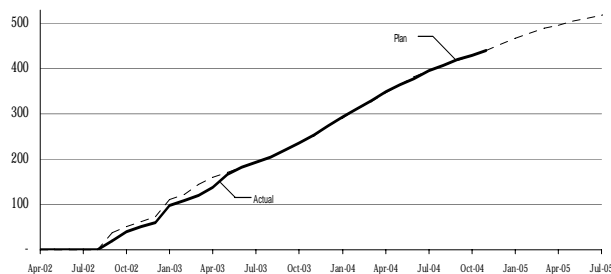
**WIN:** C01699C, C01699D

**Contractors:** Tacoma Narrows Constructors, A Joint Venture (Design/Build); TransCore, L.P (Toll System Supply and Installation )

### Project Cost Summary (millions):

	Budgeted	Expended
Design/Build Contract	615.0	439.8
Toll System Contract	9.2	1.7
WSDOT Oversight	41.0	12.9
Contingencies Committed	8.9	4.5
Contingencies Remaining	45.8	
Phase I Dev. Cost (UIW)	40.5	39.9
Total	760.4	499.0
Total Expended/Total Cost	65.6%	

### Project Cash Flow: (Through 03-05 Biennium in Millions)



### Project Schedule Status:

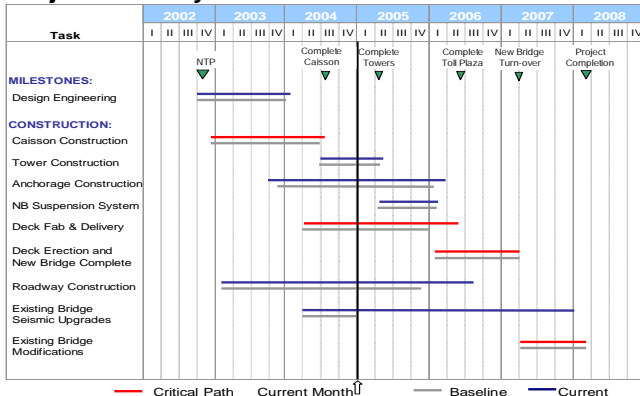
As of January 2, 2005: Fabrication and shipping of the bridge deck sections remain on the critical path.

The main construction critical path facility (East tower) is 9 weeks behind the baseline schedule. No impact to overall project schedule as catwalk installation work has changed to 6 day weeks vs. 5 day weeks with some double work shifts added to mitigate lost time.

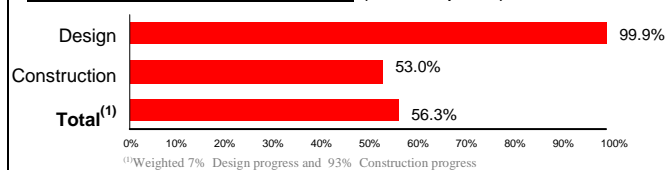
### Contract Milestones Overview:

Milestone	Contract	TNC
Provide Final Plans and Spec. for Toll Facilities	25Sep03	22Jul03
Place order for Saddles	17Feb04	21Oct03
Complete new bridge substructure(*)	12May05	06May05
Guaranteed TCAAS Installation Readiness Date	08Dec05	19Sep05
Lift first deck unit	07May06	14Feb06
Complete Superstructure joining of deck sections	03Dec06	29Aug06
Guaranteed Tolling Completion Date	02Apr07	02Apr07
Guaranteed Project Substantial Completion Date	26Feb08	26Feb08

### Project Summary Schedule:



### Project Progress To Date: (% Complete)



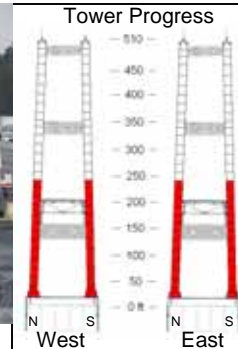
**Man-hours worked:** 1,455,279 with one lost time accident

### Progress Highlights for month of December 2004:

- East tower: Concrete for N. leg lifts 10,11, and 12 and S. leg lifts 11 & 12.
- West tower: Concrete for N. and S. leg lifts 10,11, & 12. Crews jumped the tower crane.
- East Anchorage: Poured anchor back wall, grout pads and N. Ext. Wall.
- West Anchorage: Poured concrete for N. and S. Int. Wall stages 1 & 2.
- Roadwork: Poured wall 13C and completed fencing at Pond D & E.
- Toll Ops Bldg: Poured Plaza shoulders, set columns, began bldg interior.
- Crew Facility: Welded 11 trusses and finished carport decking.
- Driving Range glare screen finished.



Canopy legs in place for lifting of truss.



### Quality Control:

- 51 construction quality audits were conducted. The work was found to be in general compliance with the Contract Documents.

### Risks/Challenges/Issues:

- Severe winter weather affects on project work and through traffic.
- Wet season environmental controls.
- Tower Strut Post Tensioning.

### Public Information:

- Presented project to Highline Community College and Roger's High School engineering students.
- Staffed TNB display booth at Tacoma Economic Forecast Summit.
- Provided project tours to three groups.
- Facilitated article publications in Winter 2004 Concrete Engineering International journal and 2004 Innovations (WSU alumni journal).

### Upcoming Activities for January 2005:

- East Tower: Place north and south leg lifts 13, 14, 15, 16, and 17.
- West Tower: Place north and south leg lifts 13, 14, 15, 16, and 17.
- East Anchorage: Place concrete for south exterior wall and set girders.
- West Anchorage: Pour grout pads and back wall.
- Roadwork: Pour sections C,D,E, & F on Wall #2.
- Toll Plaza and Ops Building: Set Toll Plaza Canopy in place. Set walkway steel, decking & roofing. Work on the interior of the Ops bldg.
- Maintenance Building: Finish roofing and begin interior work.

For more information, Call toll free at 1.877.762.7769, or 253.534.4640

Or visit our website: [www.tacomannarrowsbridge.com](http://www.tacomannarrowsbridge.com)

